| L<br>Numb r | Hits | S arch T xt                                   | DB        | Time stamp   |
|-------------|------|---|-----------|--------------|
| 1           | 82   | ((high near density) near10 ((read n ar nly)  | USPAT;    | 2004/06/21   |
|             |      | rr m) and (h avily near doped))               | US-PGPUB; | 14:53        |
|             |      |   | EPO; JPO; |              |
|             |      |   | DERWENT;  |              |
|             |      |   | IBM_TDB   |              |
| 2           | 78   | ((high near density) near10 ((read near only) | USPAT;    | 2004/06/21   |
|             |      | or rom) and (heavily near doped)) and         | US-PGPUB; | 14:54        |
|             |      | substrate                                     | EPO; JPO; |              |
|             |      |   | DERWENT;  |              |
|             |      |   | IBM_TDB   |              |
| 3           | 2    | ((high near density) near10 ((read near only) | USPAT;    | 2004/06/21   |
|             |      | or rom) and (heavily near doped)).clm. and    | US-PGPUB; | 14:54        |
|             |      | substrate                                     | EPO; JPO; |              |
|             |      |   | DERWENT;  |              |
|             |      |   | IBM_TDB   |              |
| 4           | 77   | (((read near only) or rom) and (heavily near  | USPAT;    | 2004/06/21   |
|             |      | doped)).clm. and substrate                    | US-PGPUB; | 14:55        |
|             |      | . "   | EPO; JPO; |              |
|             |      |   | DERWENT;  |              |
|             |      |   | IBM_TDB   |              |
| 5           | 59   | (((read near only) or rom) and (heavily near  | USPAT;    | 2004/06/21   |
| _           |      | doped)).clm. and substrate.clm.               | US-PGPUB; | 14:55        |
|             |      |   | EPO; JPO; |              |
|             |      |   | DERWENT;  |              |
|             |      |   | IBM_TDB   |              |
| 6           | 24   | (((read near only) or rom) and (heavily near  | USPAT;    | 2004/06/21   |
| _           | _ •  | doped)).clm. and substrate.clm. and           | US-PGPUB; | 14:57        |
|             |      | ((conductive or conductivity) near            | EPO; JPO; |              |
|             |      | type).clm.                                    | DERWENT;  |              |
|             |      | <b>3</b> F-3 <b>/</b>                         | IBM_TDB   |              |
| 7           | 20   | (((read near only) or rom) and (heavily near  | USPAT;    | 2004/06/21   |
|             |      | doped)).clm. and substrate.clm. and           | US-PGPUB; | 14:57        |
|             |      | ((conductive or conductivity) near            | EPO; JPO; |              |
|             |      | type).clm. and gate.clm.                      | DERWENT;  |              |
|             |      | ,   | IBM_TDB   |              |
| 8           | 6    | (((read near only) or rom) and (heavily near  | USPAT;    | 2004/06/21   |
|             |      | doped)).clm. and substrate.clm. and           | US-PGPUB; | 14:59        |
|             |      | ((conductive or conductivity) near            | EPO; JPO; |              |
|             |      | type).clm. and gate.clm. and (high near       | DERWENT;  |              |
|             |      | density)                                      | IBM_TDB   |              |
| 9           | 1161 | (heavily near doped near region).clm.         | USPAT;    | 2004/06/21   |
|             |      | - • • • • • • • • • • • • • • • • • • •       | US-PGPUB; | 14:59        |
|             |      |   | EPO; JPO; |              |
|             |      |   | DERWENT;  |              |
|             |      |   | IBM_TDB   |              |
| 10          | 30   | (heavily near doped n arr gi n). lm. and      | USPAT;    | 2004/06/21   |
|             |      | (rom r (r ad near only)).clm.                 | US-P PUB; | 15:02        |
|             |      |   | EPO; JP ; | <del>-</del> |
|             |      |   | DERWENT;  |              |
|             |      |   | IBM_TDB   |              |

| 11 | 26  | (h avily n ard p d n arr gi n).clm. and   | USPAT;                 | 2004/06/21 |
|----|-----|---|------------------------|------------|
|    |     | (rom r (read near nly)). Im. and gat .clm.  | US-PGPUB;              | 15:03      |
|    |     |   | EP ; JP ;              |            |
| l  |     |   | DERWENT;               |            |
|    |     |   | IBM_TDB                |            |
| 12 | 1   | (h avily near dop d near r gion).clm.   | USPAT;                 | 2004/06/21 |
|    |     | near10 (rom or (read near only)).clm.   | US-PGPUB;              | 15:02      |
|    |     | near10 gate.clm.  | EPO; JPO;              |            |
|    |     |   | DERWENT;               |            |
|    |     |   | IBM_TDB                |            |
| 13 | 14  | (((heavily near doped near region).clm.   | USPAT;                 | 2004/06/21 |
|    |     | near10 gate.clm.) and (rom or (read near  | US-PGPUB;              | 15:07      |
|    |     | only)).clm.)  | EPO; JPO;              |            |
|    |     |   | DERWENT;               |            |
|    |     |   | IBM_TDB                |            |
| 14 | 6   | (((heavily near doped near region).clm.   | USPAT;                 | 2004/06/21 |
|    |     | near10 gate.clm.) and (rom or (read near  | US-PGPUB;              | 15:04      |
|    | 1   | only)).clm.) and (high near density)  | EPO; JPO;              |            |
|    |     |   | DERWENT;               |            |
| 4- |     |   | IBM_TDB                |            |
| 15 | 481 | (substrate same ((first or second) near5  | USPAT;                 | 2004/06/21 |
|    |     | doped near region) same heavily).clm.   | US-PGPUB;              | 15:08      |
|    |     |   | EPO; JPO;              |            |
|    |     |   | DERWENT;               |            |
| 40 | 055 |   | IBM_TDB                |            |
| 16 | 255 | (substrate same ((first or second) near5  | USPAT;                 | 2004/06/21 |
|    |     | doped near region) same (heavily near   | US-PGPUB;              | 15:08      |
|    |     | doped near region)).clm.  | EPO; JPO;              |            |
|    |     |   | DERWENT;               |            |
| 17 | 158 | (substrate same ((first or second) near)  | IBM_TDB                | 2004/00/24 |
|    | 136 | (substrate same ((first or second) near2<br>doped near region) same (heavily near | USPAT;                 | 2004/06/21 |
|    |     | doped near region) same (neavily near doped near region)).clm.                    | US-PGPUB;<br>EPO; JPO; | 15:08      |
|    |     | doped hear region//.cim.  | DERWENT;               |            |
|    |     |   | IBM_TDB                |            |
| 18 | 0   | (substrate same ((first or second) near2  | USPAT;                 | 2004/06/21 |
|    |     | doped near region) same (heavily near   | US-PGPUB;              | 15:09      |
|    |     | doped near region) same (rom or (read near  | EPO; JPO;              | 10.00      |
|    |     | only))).clm.  | DERWENT;               |            |
|    |     | <b>-</b>  | IBM_TDB                |            |
| 19 | 13  | (substrate same ((first or second) near2  | USPAT;                 | 2004/06/21 |
|    |     | doped near region) same (heavily near   | US-PGPUB;              | 15:10      |
|    |     | doped near region)).clm. and (rom or (read  | EPO; JPO;              | 34444      |
|    |     | near only))   | DERWENT;               |            |
|    |     | <del></del>   | IBM_TDB                |            |
| 20 | 7   | (substrate same ((first or second) near2  | USPAT;                 | 2004/06/21 |
|    |     | doped near region) same (heavily near   | US-PGPUB;              | 15:11      |
|    |     | d p d near regi n)).clm. and (r m r (read   | EPO; JPO;              |            |
|    |     | near only)) and (high near density)   | DERWENT;               |            |
|    |     |   | IBM_TDB                |            |

| 21  | 6   | (substrate same ((first or sec nd) near2      | USPAT;            | 2004/06/21 |
|-----|-----|---|-------------------|------------|
|     |     | d ped nearr gi n) same (h avily near          | US-P PUB;         | 15:11      |
|     |     | d p d near regi n)).clm. and (r m or (r ad    | EPO; JPO;         |            |
| ľ   |     | n ar nly)) and (high neard nsity) and         | DERWENT;          |            |
|     |     | ((conductivity or c nductive) n ar            | IBM_TDB           |            |
|     |     | typ ).clm.                                    |                   |            |
| 22  | 1 1 | (substrate same ((first or second) near2      | USPAT;            | 2004/06/21 |
|     |     | doped near region) same (heavily near         | US-PGPUB;         | 15:13      |
|     |     | doped near region)).clm. and (rom or (read    | EPO; JPO;         |            |
|     |     | near only)) and (high near                    | DERWENT;          |            |
|     |     | density).ti,ab,clm. and ((conductivity or     | IBM_TDB           |            |
|     |     | conductive) near type).clm.                   |                   |            |
| 23  | 6   | (high near density near (rom or (read near    | USPAT;            | 2004/06/21 |
|     |     | only))).ti,ab,clm. and ((conductive or        | US-PGPUB;         | 15:14      |
|     |     | conductivity) near type).clm.                 | EPO; JPO;         |            |
|     |     |   | DERWENT;          |            |
|     |     |   | IBM_TDB           |            |
| 24  | 2   | (high near density near (rom or (read near    | USPAT;            | 2004/06/21 |
|     |     | only))).ti,ab,clm. and ((conductive or        | US-PGPUB;         | 15:15      |
|     |     | conductivity) near type).clm. and (heavily    | EPO; JPO;         |            |
|     |     | near doped).clm.                              | DERWENT;          |            |
| 0.5 |     |   | IBM_TDB           |            |
| 25  | 0   | (high near density near (rom or (read near    | USPAT;            | 2004/06/21 |
|     |     | only))).ti,ab,clm. and ((conductive or        | US-PGPUB;         | 15:16      |
|     |     | conductivity) near type).clm. and (heavily    | EPO; JPO;         |            |
|     | İ   | near doped).clm. and well.clm.                | DERWENT;          |            |
| 26  | 0   | (high near density near (rom or (read near    | IBM_TDB<br>USPAT; | 2004/06/21 |
| 20  |     | only))) and ((conductive or conductivity)     | US-PGPUB;         | 15:16      |
|     |     | near type).clm. and (heavily near             | EPO; JPO;         | 13.10      |
|     |     | doped).cim. and well.cim.                     | DERWENT;          |            |
|     |     | asposition and trememo                        | IBM_TDB           |            |
| 27  | 15  | (rom or (read near only)) and ((conductive    | USPAT;            | 2004/06/21 |
|     |     | or conductivity) near type).clm. and (heavily | US-PGPUB;         | 15:19      |
|     |     | near doped).clm. and well.clm.                | EPO; JPO;         |            |
|     |     | - ,   | DERWENT;          |            |
|     |     |   | IBM_TDB           |            |
| 28  | 99  | (rom or (read near only)) and ((conductive    | USPAT;            | 2004/06/21 |
|     |     | or conductivity) near type).clm. and (heavily | US-PGPUB;         | 15:19      |
|     |     | near doped).clm. and gate.clm.                | EPO; JPO;         |            |
|     |     |   | DERWENT;          |            |
|     |     |   | IBM_TDB           |            |
| 29  | 91  | (rom or (read near only)) and (((first or     | USPAT;            | 2004/06/21 |
|     |     | second or opposite) near2 (conductive or      | US-PGPUB;         | 15:20      |
|     |     | conductivity) near type)).clm. and (heavily   | EPO; JPO;         |            |
|     |     | near doped).clm. and gate.clm.                | DERWENT;          |            |
|     |     |   | IBM_TDB           |            |
| 30  | 24  | (rom r (r ad near nly)) and (((first r        | USPAT;            | 2004/06/21 |
| •   |     | s c nd r opposit ) n ar2 (conductiv r         | US-PGPUB;         | 15:20      |
|     |     | c nductivity) near type)). Im. sam (h avily   | EPO; JPO;         |            |
|     |     | n ard p d).cim. sam gate.cim.                 | DERWENT;          |            |
|     | L   |   | IBM_TDB           |            |